## CALCULATION OF INTERSTATE TRAFFIC SENSITIVE SWITCHED ACCESS RATES FOR FCC SECTION 61.39 TARIFF FILING **RATES TO BE EFFECTIVE JANUARY 1, 2002**

COMPANY: City of Brookings STUDY AREA: 391650

		Traffic Sensitive Basic Schedule	Traffic Sensitive Tandem Switching	Transport Mileage Basic Schedule	Transport Termination Basic Schedule
A. B. C. D. E. F.	SS7 Full Connectivity (AS3000 Line 35) SS7 Partial Connectivity (AS3000 Line 36) ITD Settlement (AS3000 Line 40) TS Switched Basic Schedule (AS3000 Line 49) Transport Mileage Basic Schedule (AS3000 Line 50) Transport Termination Basic Schedule (AS3000 Line 51)	\$15,030 \$0 \$974,420	\$0	\$556,359	\$172,314
G.	Interstate Traffic Sensitive Switched Settlements from AS3000	\$989,450	\$0	\$556,359	\$172,314
Н.	Less Annual Local Switching Support	\$558,336			
I.	Less Annual Line Port Costs Shifted to Common Line Pool (CLP)^	\$124,825			
J.	Less Annual Transport Interconnection Charge (TIC) Shifted to CLP^^	\$0			
K.	Revenue to be Recovered in Access Rates (G - H - I - J)	\$306,289	\$0	\$556,359	\$172,314
L.	Interstate Traffic Sensitive Minutes	44,907,501	44,907,501	44,907,501	44,907,501
M.	Rate to Recover Amount on Line K (K / L)	\$0.006820	\$0.0000	\$0.0124	\$0.0038
N.	Local Switching Rate, Per Minute *	\$0.006731			
Ο.	Information Surcharge Rate, Per 100 Minutes *	\$0.0089			
P.	Tandem Switching		\$0.000000		
Q.	Transport Interconnection Charge (TIC)		\$0.00		
R.	Tandem Switched Facility Rate, Per Minute Per Airline Mile **			\$0.000234	
S.	Tandem Switched Termination Rate, Per Minute Per Termination ***				\$0.001919

\*The Local Switching Rate is the difference of the total rate to be recovered (Line M) less the Information Surcharge Rate effective July 3, 2001.

a.	Rate to Recover Amount on Line M	\$0.006820
b.	Information Surcharge - Premium	\$0.000089
C.	Local Switching - Premium (a - b)	\$0.006731

<sup>\*\*</sup> There are 53 airline miles of transport facility for each Traffic Sensitive Minute. The Tandem Switched Facility Rate, Per Minute Per Airline Mile equals K/(L x 53 airline miles).

<sup>^</sup>The Line Port Costs shifted to the Common Line Pool are based on 30% of the difference between the Central Office Formula and Local Switching Support:

a.	Annual Central Office Formula Amount (Line D)	\$974,420
b.	Annual Local Switching Support (Line H)	\$558,336
C.	Difference (a - b)	\$416,084
e.	Percent Reallocated to Common Line Pool Per FCC 01-304	30%
d.	Annual Dollar Amount Shifted to Common Line Pool (c x e)	\$124,825

<sup>^^</sup>The Transport Interconnection Charge (TIC) shifted to the Common Line Pool is based on NECA's Formula (per letter dated November 21, 2001 to AS Companies not Participating in NECA's TS Tariff). The lesser of (1.) 28.165% of the total of the Line Haul Distance Sensitive, the Non Distance Sensitive, and the Intertoll Switching settlements or (2.) TIC revenues for the 12 month period ending June 30, 2001. 42159.xls, Rates - 01-01-02

12/17/01

<sup>\*\*\*</sup> There are two terminations for each Traffic Sensitive Minute. The Tandem Switched Termination Rate, Per Minute Per Termination equals K/(L x 2 terminations).

## CALCULATION OF INTERSTATE TRAFFIC SENSITIVE SWITCHED ACCESS RATES FOR FCC SECTION 61.39 TARIFF FILING RATES EFFECTIVE JULY 3, 2001

COMPANY: City of Brookings STUDY AREA: 391650

		Traffic Sensitive Basic Schedule	Traffic Sensitive Tandem Switching	Transport Mileage Basic Schedule	Transport Termination Basic Schedule
A. B. C. D. E. F.	SS7 Full Connectivity (AS3000 Line 35) SS7 Partial Connectivity (AS3000 Line 36) ITD Settlement (AS3000 Line 40) TS Switched Basic Schedule (AS3000 Line 49) Transport Mileage Basic Schedule (AS3000 Line 50) Transport Termination Basic Schedule (AS3000 Line 51)	\$15,030 \$0 \$974,420	\$0	\$556,359	\$172,314
G.	Interstate Traffic Sensitive Switched Settlements from AS3000	\$989,450	\$0	\$556,359	\$172,314
Н.	Annual Local Switching Support	\$558,336			
l.	Revenue to be Recovered in Access Rates (G - H)	\$431,114	\$0	\$556,359	\$172,314
J.	Interstate Traffic Sensitive Minutes	44,907,501	44,907,501	44,907,501	44,907,501
K.	Rate to Recover Amount on Line I (I / J)	\$0.009600	\$0.0000	\$0.0124	\$0.0038
L.	Local Switching Rate, Per Minute *	\$0.009511			
M.	Information Surcharge Rate, Per 100 Minutes *	\$0.0089			
N.	Tandem Switching		\$0.000000		
Ο.	Transport Interconnection Charge (TIC)		\$0.00		
P.	Tandem Switched Facility Rate, Per Minute Per Airline Mile **			\$0.000234	
Q.	Tandem Switched Termination Rate, Per Minute Per Termination ***				\$0.001919

<sup>\*</sup> Split to Local Switching and Information Surcharge Rate Elements Based on the Ratio for Current NECA Rates:

a. NECA Local Switching - Premium	\$0.015833	99.0739%
b. NECA Information Surcharge - Premium	\$0.000148	0.9261%
c. Total	\$0.015981	100.0000%
d. Local Switching Rate (K x 99.0739%)	\$0.009511	
e. Information Surcharge Rate (K - d)	\$0.00089	
f. Total Settlement Per Minute (d + e)	\$0.009600	

<sup>\*\*</sup> There are 53 airline miles of transport facility for each Traffic Sensitive Minute. The Tandem Switched Facility Rate, Per Minute Per Airline Mile equals I/(J x 53 airline miles).

42159.xls, Rates - 07-03-01 12/17/01

<sup>\*\*\*</sup> There are two terminations for each Traffic Sensitive Minute. The Tandem Switched Termination Rate, Per Minute Per Termination equals I/(J x 2 terminations).